

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10586712"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 13:26
S2	449	310/370.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 13:30
S3	2	"6153898".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 14:35
S4	1331	310/320,321.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 18:07
S5	2392	piezo\$ with fork	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 20:22
S6	1459	S5 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 20:22
S7	449	310/370.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 12:36

S8	1331	310/320,321.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 12:36
S9	2392	piezo\$ with fork	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 12:36
S10	1459	S9 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 12:36
S11	63	(S7 S8 S10) and barrier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 12:36
S12	231	(S7 S8 S10) and adhesion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 12:49
S13	41	(S7 S8 S10) and (adhesion with (second top upper))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 12:49
S14	19	(S7 S8 S10) and (orientation with (la mg))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 13:24
S15	3	"10472589"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 13:35

S16	24	S9 and (adhesion with (second top upper))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 13:42
S17	4	"2003052840"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 14:58
S18	296	((masahiro near2 yasumi) (kazuki near2 komaki) (yuji near2 murashima) (yuki near2 nakmura) (tetsuo near2 kawasaki)).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 15:35
S19	53	S18 and piezo\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 15:35
S20	4	("20040104981" "6153898").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:11
S21	5	"2005104257"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 15:57
S22	468	310/370.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S23	1342	310/320,321.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05

S24	2471	piezo\$ with fork	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S25	1521	S24 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S26	468	310/370.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S27	1342	310/320,321.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S28	2471	piezo\$ with fork	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S29	1521	S28 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S30	64	(S26 S27 S29) and barrier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S31	243	(S26 S27 S29) and adhesion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05

S32	44	(S26 S27 S29) and (adhesion with (second top upper))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S33	20	(S26 S27 S29) and (orientation with (la mg))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S34	25	S28 and (adhesion with (second top upper))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S35	300	((masahiro near2 yasumi) (kazuki near2 komaki) (yuji near2 murashima) (yuki near2 nakmura) (tetsuo near2 kawasaki)).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S36	55	S35 and piezo\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/06 17:05
S37	17	(US-20090021119-\$ or US-20040095046-\$ or US-20050194626-\$ or US-20050280335-\$ or US-20050218756-\$ or US-20040104981-\$ or US-20040090500-\$ or US-20070164634-\$ or US-20060146097-\$). did. or (US-6153898-\$ or US-7185540-\$ or US-7259498-\$ or US- 7478558-\$ or US- 7312558-\$ or US- 7083270-\$ or US- 7109637-\$).did. or (US- 20070227333-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/10/13 11:32

S38	13	S37 and adhes\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 11:33
S39	7436	(top upper) with electrode with adhes\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 11:35
S40	102	310/363-366.ccls. and S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 11:36
S41	482	310/370.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:36
S42	1369	310/320,321.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:36
S43	2538	piezo\$ with fork	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:36
S44	1571	S43 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:36
S45	482	310/370.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:36

S46	1369	310/320,321.ccis.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:36
S47	2538	piezo\$ with fork	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:36
S48	1571	S47 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:36
S49	67	(S45 S46 S48) and barrier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:36
S50	251	(S45 S46 S48) and adhesion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:36
S51	45	(S45 S46 S48) and (adhesion with (second top upper))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:37
S52	20	(S45 S46 S48) and (orientation with (la mg))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:37
S53	25	S47 and (adhesion with (second top upper))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:37

S54	300	((masahiro near2 yasumi) (kazuki near2 komaki) (yuji near2 murashima) (yuki near2 nakamura) (tetsuo near2 kawasaki)).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:37
S55	55	S54 and piezo\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/13 17:37

**EAST Search History (Interference)**

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**10/13/2009 6:25:15 PM****C:\ Documents and Settings\ drosenau\ My Documents\ EAST\ Workspaces\ 10586712.wsp**